

**ZANUSSI**

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# **Instructions for the use and care of DL 22 washing machine**

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# I N D E X

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## TECHNICAL DATA

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Width . . . . .	24.2	ins
Overall depth (excluding hose) . . . . .	18.9	ins
Height . . . . .	33.5	ins
Weight . . . . .	176.3	lbs
Dry clothes capacity (excluding synthetic fabrics and wool)	9	lbs
Heater rating . . . . .	1800	W
Motor rating during washing . . . . .	0.09	HP
Motor rating during spinning . . . . .	0.12	HP
Water load . . . . .	3.1	gals
Minimum water pressure . . . . .	7 P.S.I. - 49	kN/m <sup>2</sup>
Maximum water pressure . . . . .	110 P.S.I. - 784	kN/m <sup>2</sup>
Supply voltage . . . . .	220÷240	V

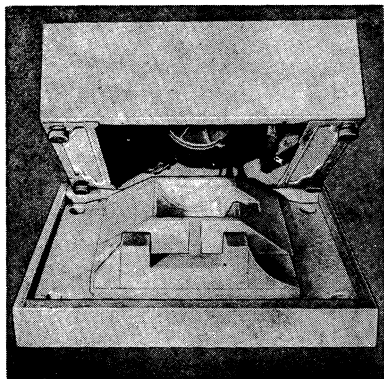
# INSTALLATION

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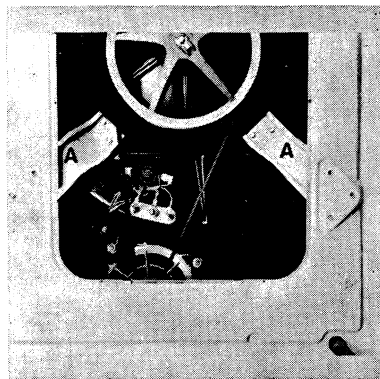
## UNPACKING

Remove the cardboard packing, reinforcing angle pieces and polythene wrapping and proceed as follows:

- 1) Tilt the machine and remove base packing (fig. 1).
- 2) Remove back panel, undoing the two fixing screws.
- 3) Remove the brackets (A - fig. 2) securing the wash unit to the back of the machine.

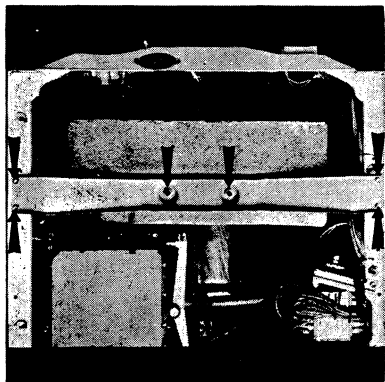


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- 4) Remove the 4 screws securing the lid and lift off the same.
- 5) Remove the screws and nuts which fix the transit bar (fig. 3) to the cabinet.
- 6) Replace lid and back panel.



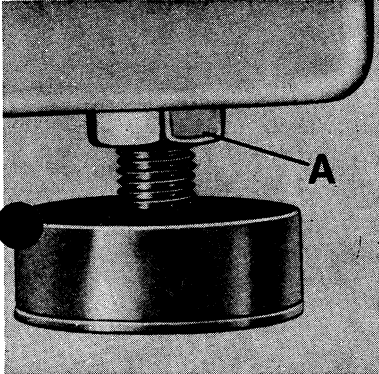
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## LEVELLING

Move the washer to its permanent operating location and carefully level it by adjusting the feet and locking them in position with the nut on the shank (A - fig. 4).

In order to avoid any vibration or movement of the appliance during washing, this operation must be carried out properly.

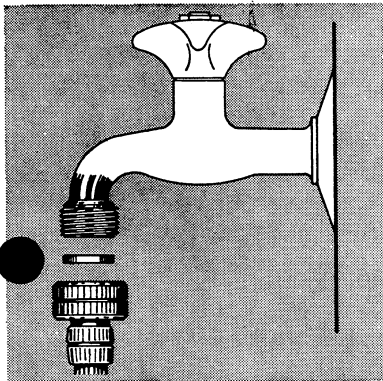
Furthermore, make sure that the washer does not touch walls, furniture, etc. while it is working.



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## WATER CONNECTION

Water inlet hose: if a cold water tap having a 3/4" gas thread spout is available, the inlet hose fitted with the rubber sealing washer (supplied with the machine) should be connected as shown (fig. 5).

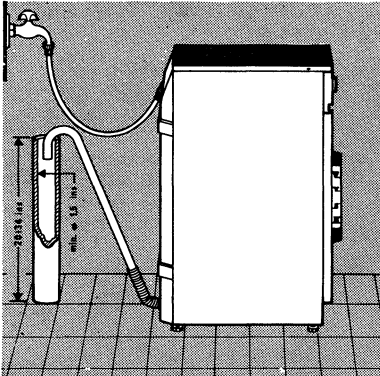


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**IMPORTANT:** To obtain the best washing results, it is necessary to use the cold water supply only.

If the water connection is made onto new pipes or onto pipes which have not been used for a long time, it is advisable to run off a certain amount of water before connecting the machine. This will avoid foreign matter blocking the filter placed at the end of the water inlet hose.

**Drain hose:** hook the curved end of the outlet hose over the edge of a sink or insert it into a drain pipe not less than 20 ins. and not more than 34 ins. from floor level (fig. 6).



6

The water should drain quickly and the end of the outlet hose must not be submerged in water.

It is advisable that the drain pipe, if used, has an internal diameter of at least 1.1/2 ins. Be sure that the drain hose is not choked or placed in such a way as to obstruct the normal water flow.

If an extension hose is required, its inner diameter must be the same as the original hose of the washer; its length must not exceed 52 ins. and the drain must be no higher than 31 ins. above the floor.

When a plumbed installation is used the following recommendations should be followed: it is important that an air break be inserted in the waste pipe in order to avoid water syphoning from the machine during draining. The air break should be at least 18 ins. above floor level. In the majority of installation the easiest way of achieving this is to use a drain pipe of 1.5 inches internal diameter at the top of which the curved end of the drain hose can be placed. The pipe should be fixed in such a way that the top is 23 inches above floor level, so that when the drain hose is inserted into it, the end of the hose will be at least 18 inches above the floor.

The gap between the rubber drain hose and the internal diameter of the drain pipe provides the air break necessary to avoid syphoning. The lower end of the pipe can then be led away to a drain (see fig. 6).

## **ELECTRICAL CONNECTION**

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### **WARNING: THIS APPLIANCE MUST BE EARTHED.**

Connection to the electrical supply should be made by a 3 pin 13 A or 3 pin 15 A plug. If a BS 1363 3 pin 13 A fused plug and socket is used, the plug should be fitted with a 13 A fuse. If a 15 amp plug and socket is used this should be protected by a 15 A fuse either in the plug or at the distribution board.


**The manufacturer declines any liability should this safety measure not be observed.**

### **IMPORTANT**

The wires in this mains lead are coloured in accordance with the following code:



**GREEN AND YELLOW - EARTH**  
**BLUE - NEUTRAL**  
**BROWN - LIVE**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug proceed as follows: the wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol  or coloured green or green and yellow. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

# OPERATING INSTRUCTIONS

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## PRELIMINARY CHECK

Carry out the following check before using the machine:

- is the plug in the socket? is the power on?
- is the water inlet hose connected to the tap and the tap turned on?
- has the drain hose been placed on the edge of a sink or in a drain?
- is the machine door properly closed?

## STARTING STOPPING

To start the machine select the programme required and pull out the timer (programme selection) control. This switches on the machine. It should be noted that this control knob freewheels in the « on » position, therefore the programme selection cannot be changed without switching the machine off. Once the machine is started as above, it will automatically carry out all operations up to the end of the programme chosen and will automatically stop.

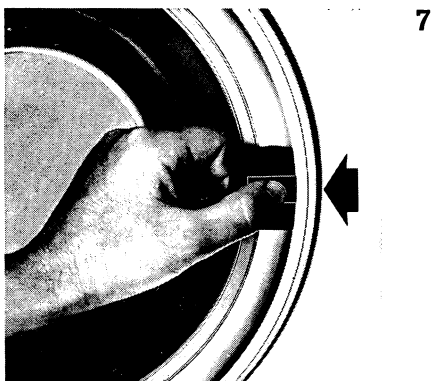
To switch the machine off or stop the machine in the course of a programme, push in the timer control knob.

As a safety feature the door is automatically locked during the spinning phases. As an additional safety feature the door is also fitted with a double action catch. Operation of this catch is very simple provided that the outside section is first slid inwards and then, without releasing, the complete catch is pulled outwards (fig. 7).

It should be noted that at the end of the washing programme a small amount of water collects in the folds of the door gasket: this is normal and care should be taken to avoid dripping when opening the door.

## SELECTION OF WASHING PROGRAMME

The washing machine carries out 7 washing programmes and 3 additional pro-





grammes. Each programme has been specially designed for a specific type of fabric (e.g. cotton, synthetic fibres, wool, etc.).

The appropriate programme must therefore be chosen according to the type of fabric to be washed.

### FILLING WITH WASHING POWDER

The washing powder dispenser is located on the left front side of the control panel. Pull out dispenser and add washing powder. It is very important to use a low sudsing powder such as Persil Automatic or Bord. The amount of washing powder for the prewash (2-3 ozs.) should be put into section « A » of dispenser (fig. 8) and the powder for the main wash (3-4 ozs.) should be put into section « B » (follow the instructions on the fascia). Once the dispenser is filled, close by pushing in.

### USE OF ADDITIVES

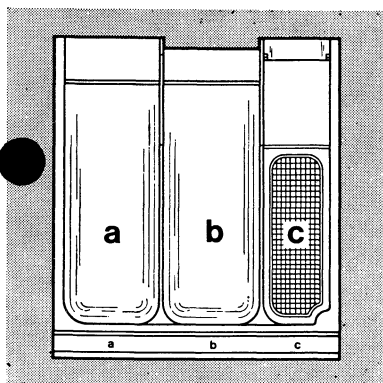
This washing machine is designed to carry out special treatments such as the addition of fabric conditioners automatically at the end of some washing programmes. The liquids to be used should be put into compartment C (fig. 8) of the dispenser at the beginning of the programme and will be automatically utilised at the appropriate time. Dense liquid must be diluted with water. With to the amount of additive to be used follow the manufacturer's instructions bearing in mind that about 3 gallons of water are utilized during this process.

### WHICH POWDER?

**Do not use ordinary powders** like Ariel, Radiant, Daz etc. in your new washing machine.

The reason for this is very simple, these powders produce so much lather that clothes are prevented from tumbling freely and cannot get properly clean.

**Do use the right powder.** To get the best results, we recommend **Persil Automatic or Bold**. Like all modern automatics, your washing machine works at peak efficiency with a low lather product. Both these products' balanced lather is



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specially designed to complement the cleaning action of these machines. So use it regularly for trouble free washing and superb results.

**Do use enough powder.** To get your clothes really clean it is essential that enough powder is used in the machine. The correct amount will depend on a number of things — the hardness of the water, the size of the load, and the amount of soiling present. As a guide we suggest you follow the table below and adjust the amounts in light of your personal experience. You may find it helps to use a measuring cup at first.

	Small Load or Light Soiling	Full Load or Heavy Soiling
Soft Water	1 cup	1-2 cups
Hard Water	1-2 cups	2-2.5 cups

### HELPFUL TIPS FOR WASHING

Here are some practical hints to enable you to obtain the best washing results:

- The quantity of washing powder required depends on the amount of laundry and on how soiled it is. It may therefore be necessary to vary the quantities suggested in this book according to experience. To obtain the best results when washing wool do not wash more than 2 lbs. at a time.
- In order to get good results when washing synthetic material use a maximum washing load of 5 to 6 lbs.
- If your water is hard it can be softened by adding special products such as « Calgon » to the washing powder in the appropriate compartment. These products facilitate the action of the washing powder and help to give better results.
- Clothes should be sorted according to fabric type, degree of soil and colour fastness.
- Tears and open seams should be mended, loose buttons secured, zippers closed and laces or belts collected in a cotton bag. Articles without a hem should not be washed. Ensure pockets are emptied and spots of rust, paint, ink etc. removed before washing.
- Always turn off water tap fully when the machine is not in use, even if it is plumbed in.
- If, after commencing a wash, you find that the wrong programme has been selected, push the control knob fully in turning the indicator knob clockwise to the correct programme. Then pull control knob fully out again.
- Washing powder should only be placed in the dispenser immediately prior to the start of a programme. Do not leave washing powder in the dispenser for any length of time as it may form lumps which can be difficult to dissolve.
- It is advisable to inspect the filter in the water inlet hose periodically and clean if necessary.

# WASHING PROGRAMMES

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## COTTON - LINEN

### Whites - heavy soil - bio prewash

**1**  
● Prewash in warm water.  
Vigorous wash in very hot water.  
5 rinses in cold water.  
Spinning.

**Put the powder required for bio-prewash into compartment « a » and for the main wash into compartment « b »; if required, pour the liquid additive into compartment « c ».**

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### Whites

**2**  
● Vigorous wash in very hot water.  
5 rinses in cold water.  
Spinning.

**Put the powder required for the main wash into compartment « b »; if required, pour the liquid additive into compartment « c ».**

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### Fast coloureds

**3**  
● Vigorous wash in hot water.  
5 rinses in cold water.  
Spinning.

**Put the powder required for the wash into compartment « b »; if required, pour the liquid additive into compartment « c ».**

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## WASHING PROGRAMMES

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### Non fast coloureds

**4**

Vigorous wash in warm water.  
5 rinses in cold water.  
Spinning.

**Put the powder required for the main wash into compartment « b »;  
if required, pour the liquid additive into compartment « c ».**

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### Rinses - Special treatments

**5**

5 rinses in cold water.  
Spinning.

**If required, pour the liquid additive into compartment « c » taking care  
not to exceed the level of the filter.**

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### Spin

**6**

Spinning for about 5 minutes with water draining.  
It is important to place timer index line exactly on No. 6 position.


**If you wish to spin your laundry at the completion of programmes 7,  
8 and 9 use the following procedure. Switch machine off and turn  
the timer control knob to the No. 6 position and start the machine.  
Allow the machine to spin for approximately 1 minute. Depress the  
knob. Turn to the off position.**

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## WASHING PROGRAMMES

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### SYNTHETICS - WOOL - DELICATES

**NOTE:** There is no water draining in the last rinse of the gentle action wash cycles to prevent the clothes from creasing if they are left in the machine at the end of the wash cycle. To complete the cycle, turn the timer knob centering it on the symbol 

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#### White nylon - heavy soil

Prewash in lukewarm water.

Gentle wash in hot water.

No spinning.

**Put the powder required for prewash into compartment « a » and for the main wash into compartment « b ».**

**A short spin may be given if desired, see programme 6.**

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#### Delicates

Gentle wash in warm water.

3 rinses in cold water.

No spinning.

**Put the powder required for the main wash into compartment « b ».**

**A short spin may be given if desired, see programme 6.**

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#### Woollens

Special cycle for washing wool garments bearing the Woolmark Label « Pure New Wool », including blankets and wool mixtures with cotton or rayon. Silk.

Gentle wash in lukewarm water.

3 rinses in cold water.

No spinning.

**Put the powder required for the wash into compartment « b ». A short spin may be given if desired, see programme 6.**

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#### Rinses

3 rinses in cold water.

No spinning.

**If required, pour the liquid additive into compartment « c » taking care not to exceed the level of the filter.**

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#### Drain

Water draining.

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## CARE AND CLEANING OF THE MACHINE

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**Important:** make sure that the plug has been removed from the socket prior to undertaking any kind of maintenance.

From time to time, carry out a complete cycle without a washing load, adding 1 oz of « Calgon ». This should also be done when the washer has been out of use for a long time.

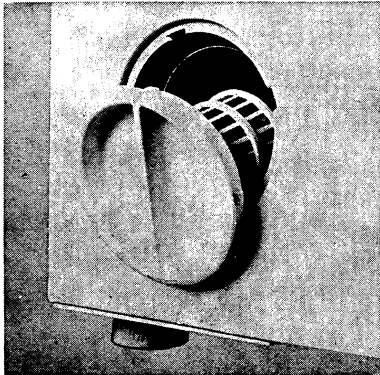
- Leave the door ajar for about 2 hours after the wash to allow air to circulate freely inside the machine.
- Plated, polished and plastic parts and the glass door should be cleaned with a soft damp cloth, never with an abrasive cleaning powder.
- For the cabinet exterior use a lukewarm solution of mild soap, then rinse and dry carefully. It is also advisable to clean the cabinet, from time to time, with a wax polish applied with a soft cloth.

### FILTER CLEANING

The filter (fig. 9) is located on the front of the washer in the bottom left hand corner. Its purpose is to collect fluff and any small objects (safety-pins, coins, etc.) inadvertently left in the laundry.

The filter should be periodically cleaned as follows:

- At the end of a washing programme place the free end of the drain hose at floor level in a basin to collect any excess water.
- Before removing the filter, place a small bowl on the floor below the filter cover to collect any water that may come out.
- Unscrew the filter knob anti-clockwise and pull the filter out (fig. 9).
- Clean filter and refit, ensuring that the filter knob is screwed tight.



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## **HINTS FOR CARE OF WASHING POWDER DISPENSER**

We recommend that the washing powder dispenser is checked regularly to ensure that it is clean dry. Do wipe the dispenser after each wash.

Should the dispenser require special cleaning, the drawer can be completely removed, and the interior cleared of any deposit.

The drawer can be removed from the front of the appliance by giving a sharp pull outwards. A sharp tap with the palm of the hand may be necessary when replacing the drawer.

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## ZANUSSI GUARANTEE CONDITIONS

This guarantee is in addition to your statutory and other legal rights which will not be excluded or in any way diminished by the return of the enclosed card.

We, IAZ International (UK) Ltd, guarantee that if within twelve months of the date of the purchase, this ZANUSSI appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials we will at our option repair or replace the same **FREE OF ANY CHARGE** for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on rating plate.
- The appliance has been used for normal domestic purposes and in accordance with the manufacturer's operating and maintenance instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.

- The appliance is still in the possession of the original purchaser.
- Any appliance or defective part replaced shall become our property.

This guarantee does not cover any damage caused during transportation or the replacement of any light bulbs or removable parts of glass or plastic.

Should you require service on your Zanussi appliance consult the enclosed list of service agents for your nearest Zanussi engineer. If the product is under guarantee then you will be required to produce proof-of date of purchase to the engineer.

Please ensure that the enclosed pre-addressed card is stamped, completed in full and forwarded to IAZ International (UK) Ltd, to enable the guarantee to be recorded. Also complete the space below as your own record of the guarantee.

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## GUARANTEE RECORD

Appliance purchased from \_\_\_\_\_ on \_\_\_\_\_  
Guarantee card no \_\_\_\_\_ Model no \_\_\_\_\_  
Serial no \_\_\_\_\_ (These details may be taken from your Guarantee Record Card)  
Your name \_\_\_\_\_  
Address \_\_\_\_\_